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*Total of

forms are submitted.

PTO/SB/32 (09-04)

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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

& TRADEMA Docket Number (Optional) REQUEST FOR ORAL HEARING **BEFORE** THE BOARD OF PATENT APPEALS AND INTERFERENCES 01-211 In re Application of Samuel C. Weaver I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 [37 CFR **Application Number** Filed 1.8(a)] on 09/838,866 April 20, 2001 For Metal Matrix Composite Horseshoe Signature_ Art Unit Examiner Typed or printed 3643 Nguyen, Son T. name Applicant hereby requests an oral hearing before the Board of Patent Appeals and Interferences in the appeal of the above-identified application. The fee for this Request for Oral Hearing is (37 CFR 41.20(b)(3)) \$ 300.00 Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: A check in the amount of the fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet. The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 03-2026 . I have enclosed a duplicate copy of this sheet. A petition for an extension of time under 37 CFR 1.136(b) (PTO/SB/23) is enclosed. For extensions of time in reexamination proceedings, see 37 CFR 1.550. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. I am the applicant/inventor. Signature assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. Frederick L. Tolhurst (Form PTO/SB/96) Typed or printed name attorney or agent of record. ✓ November 12, 2004 Registration number 28,123 Date attorney or agent acting under 37 CFR 1.34. 412-297-4900 Registration number if acting under 37 CFR 1.34. Telephone number NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

This collection of information is required by 37 CFR 41.20(b)(3). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-04v2)
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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

(\$) 300.00 TOTAL AMOUNT OF PAYMENT

SUBMITTED BY

Name (Print/Type)

Signature

Frederick L. Tolhurst

Complete if Known				
Application Number	09/838,866			
Filing Date	April 20, 2001			
First Named Inventor	Samuel C. Weaver			
Examiner Name	Nguyen, Son T.			
Art Unit	3643			
Attorney Docket No.	01-211			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
✓ Check Credit card Money Other None	3. ADDITIONAL FEES						
Deposit Account:		Large Entity Small Entity					
Denneit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Account Number 03-2026	1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit Account Cohen & Grigsby, P.C.	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name The Director is authorized to: (check all that apply)		130	1053		Non-English specification		
Charge fee(s) indicated below Credit any overpayments		2,520	1812		For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)		920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION		110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252	430	2252	215	Extension for reply within second month		
Large Entity Small Entity	1253	980	2253	490	Extension for reply within third month		
Fee Fee Fee Fee Description Fee Paid	1254	1,530	2254	765	Extension for reply within fourth month		
Code (\$) Code (\$) 1001 790 2001 395 Utility filing fee	1255	2,080	2255	1,040	Extension for reply within fifth month		
1002 350 2002 175 Design filing fee	1401	340	2401	170	Notice of Appeal		
1003 550 2003 275 Plant filing fee	1402	340	2402	170	Filing a brief in support of an appeal		
1004 790 2004 395 Reissue filing fee	1403	300	2403	150	Request for oral hearing	300.00	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 0	1452	110	2452	55	Petition to revive - unavoidable		
		1,370	2453	685	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,370	2501		Utility issue fee (or reissue)		
Extra Claims below Fee Paid Total Claims 20** = X =	1502	490	2502		Design issue fee		
Independent 3** - V	1503	660	2503		Plant issue fee		
Claims - 3 =	1460	130	1460		Petitions to the Commissioner		
	1807	50	1807		Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)		
1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3	1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 300 2203 150 Multiple dependent claim, if not paid	1810	790	2810	395	For each additional invention to be		
1204 88 2204 44 ** Reissue independent claims over original patent	1801	790	2801	395	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$) ⁰	Other	Other fee (specify)					
SUBTOTAL (2) (\$) U **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 300.00						
SUBMITTED BY (Complete (if applicable))							

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Aftornev/Agent)

28,123

Telephone 412-297-4900

November 12, 2004